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NEWS	5	FEB	06	Patent sequence location (PSL) data added to USGENE
NEWS	6	FEB		COMPENDEX reloaded and enhanced
NEWS	7			WTEXTILES reloaded and enhanced
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NEWS	11	FEB	23	MEDLINE now offers more precise author group fields
				and 2009 MeSH terms
NEWS	12	FEB	23	TOXCENTER updates mirror those of MEDLINE - more
NITH	1.0		0.0	precise author group fields and 2009 MeSH terms
NEWS	13	FEB	23	Three million new patent records blast AEROSPACE into
NEWS	1.4		0.5	STN patent clusters USGENE enhanced with patent family and legal status
NEWS	14	FEB	25	display data from INPADOCDB
NEWS	1.6	MAR	06	INPADOCDB and INPAFAMDB enhanced with new display
MEMO	10	LIME	00	formats
NEWS	16	MAR	11	EPFULL backfile enhanced with additional full-text
112110				applications and grants
NEWS	17	MAR	11	ESBIOBASE reloaded and enhanced
NEWS		MAR		CAS databases on STN enhanced with new super role
				for nanomaterial substances
NEWS	19	MAR	23	CA/CAplus enhanced with more than 250,000 patent
				equivalents from China
NEWS	20	MAR	30	IMSPATENTS reloaded and enhanced
NEWS	21	APR	03	CAS coverage of exemplified prophetic substances
				enhanced
NEWS	22	APR	07	STN is raising the limits on saved answers
NEWS	23	APR	24	CA/CAplus now has more comprehensive patent assignee
				information
NEWS	24	APR	26	USPATFULL and USPAT2 enhanced with patent
				assignment/reassignment information
NEWS		APR		CAS patent authority coverage expanded
NEWS		APR		ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS	27	APR	28	Limits doubled for structure searching in CAS
				REGISTRY
NEWS		MAY		STN Express, Version 8.4, now available
NEWS	29	MAY	11	STN on the Web enhanced

NEWS 30 MAY 11 BEILSTEIN substance information now available on STN Easy

NEWS 31 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format

NEWS 32 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal status data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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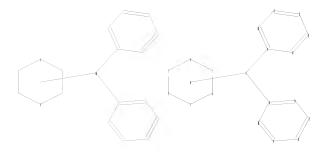
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1 2 3 4 5 6 9 10 11 12 13 14 15 16 17 18 19 20 chain bonds:
7-9 7-15 ring bonds:
1-2 1-6 2-3 3-4 4-5 5-6 9-10 9-14 10-11 11-12 12-13 13-14 15-16 15-20 exact/norm bonds:
1-2 1-6 2-3 3-4 4-5 5-6 7-9 7-15 normalized bonds:
1-2 1-6 2-3 3-4 4-5 5-6 7-9 7-15 normalized bonds:
9-10 9-14 10-11 11-12 12-13 13-14 15-16 15-20 16-17 17-18 18-19 19-20 isolated ring systems: containing 1:9:15:

Connectivity:
7:3 E exact RC ring/chain Match level:
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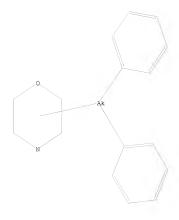
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS

L1 STRUCTURE UPLOADED

18:CLASS 19:CLASS 20:CLASS

=> d L1 HAS NO ANSWERS L1 STR

chain nodes : 7 ring nodes :



Structure attributes must be viewed using STN Express query preparation.

0 ANSWERS

=> s 11 SAMPLE SEARCH INITIATED 18:22:29 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 15803 TO ITERATE

12.7% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE** BATCH **COMPLETE** PROJECTED ITERATIONS: 308529 TO 323591 PROJECTED ANSWERS: 0. TO

L2 0 SEA SSS SAM L1

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112 SEA SSS FUL L1

=> s 13 and caplus/1c 66206910 CAPLUS/LC 60 L3 AND CAPLUS/LC => s 13 not 14 L5 52 L3 NOT L4

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ANOMAL 13 Of 33 MODIFIEST COPFRIGHT 2009 ACG on STR Extended ETM: 13 Aug 2009 Republika, 24: [15-4-phespl-2-12-19-pyrralnyl]phespl]pthyl)-, [250-red-CENTENDEDIAGED COR AT RG 0 OK

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"PROPERTY DATA AVAILABLE IN THE "PROP" FORMAT"

=> fil caplus COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION 212.56 212.78

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L1 STRUCTURE UPLOADED

L2 0 S L1 L3 112 S L1 FULL

L4 60 S L3 AND CAPLUS/LC

L5 52 S L3 NOT L4

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=> d cost

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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CONNECT CHARGES	0.43	3.45
NETWORK CHARGES	0.07	0.63
SEARCH CHARGES	0.00	190.75
DISPLAY CHARGES	0.00	18.45
FULL ESTIMATED COST	0.50	213.28

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 SINCE FILE TOTAL ENTRY SESSION

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FILE LAST UPDATED: 14 May 2009 (20090514/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009
CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.
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L4
             60 S L3 AND CAPLUS/LC
L5
             52 S L3 NOT L4
     FILE 'CAPLUS' ENTERED AT 18:25:59 ON 15 MAY 2009
     FILE 'CAPLUS' ENTERED AT 18:26:50 ON 15 MAY 2009
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L6

11 L4 => d ibib abs hitstr 1-11

JS COPYRIGHT 2009 ACS on STR 2007:267254 CAPLUS 146:482009 16 MISMER 1 OF 11 CAPLIES ACCESSION NUMBER: 20

Straightforward symthesis of [R,R/S,S]-2-[2-[2-ary1]-1-phenylethyl]morpholim-new class of inhibitors of the norepinephrine transporter.

transporter Applas, Javier; Lamas, Carlox Lilly 88, Madrid, 28109, Spain Tetrabedrom Letters (2007), 48(14), 2603-2605 CDDEN: TELEAT, 15281 0040-4039 Elsevier Ird. DOCUMENT TYPE: LANGUAGE:

GATEMA CONTROL OF SEPARATION AND APPROXIMATION APPROXIMATION AND APPROXIMATION APP

SHIPMANIAN
Morpholime,
120-2-[2-[(4),1-dimethylethyl)dimethylsilyl]oxy]phenyl)-1phenylethyl)-, (25)-rel- (CA INDEX NAME)

Relative stereochemistry.

ARRAEX 1 OF 11 CAPLUS COTTRIGHT 2009 ACS on STR (Continued) 935762-28-0 CAPLUS COTTRIGHT 2009 ACS on STR (Continued) 935762-28-1 CAPLUS CONTRIBUTED ACS ON STR (CONTRIBUTED AC

CA INDEX NUMB) Relative stereochemistry.

935762-29-1 CAFLUS Morpholine, 2-{(1X)-2-(2-phenoxyphenyl)-1-phenylethyl)-, (28)-rel- (CA INDEX NAME)

FORMAT

L6 ANSMER 1 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

CAPLES 2-[(1R)-2-(2-ethoxyphenyl)-1-phenylethyl]-, (28)-re1- (CA

935762-26-8 CAPLUS Morpholine, 2-{(IR)-2-{2-methoxyphenyl}-1-phenylethyl]-, (28)-rel- (CARDEX UNDER Relative stereochemistry.

935762-27-9 CAPLUS Morpholine, 2-[(lR)-2-[1,1'-bipheny1]-2-y1-1-pheny1ethy1]-, (25)-re1-INDEX NAME)

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140 INVENTOR (S):

DOCUMENT TYPE: LANGUAGE: FAMILY MCC. NUM. COM PATENT INFORMATION:

PATERT NO. | PATRICE NO. | A PATRICE NO. KIND DATE APPLICATION NO.

US 2004-547519P P 20040225 W) 2004-0978240 W 20041210

OTHER SOURCE(S): CASEEACT 143:153389; MARPAT 143:153389 AMENER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STR

The invention relates to morpholine derivs. I, which are inhibitors of reuptake of norepimephrime. In compds. I, Ar is (un)substituted Ph ring or (un)substituted 5- or 6-membered heteroaryl; RI is (un)substituted

akyl, (un)substituted C3-4 alkenyl, (un)substituted C3-6 cycloalkyl, lun)substituted c4-7 cycloalkylalkyl, (un)substituted c4-7 cycloalkylalkyl, (un)substituted c4-7 cycloalkylalkyl, (un)substituted c4-7 celested from 8 cm cand c3-4 alkyl and sach M group is Independently selected from 8 and C3-4 alkyl and sach M group is Independently selected from 8 and C3-4 alkyl provided that not more than them 8 % groups my be C3-4

alkyl. The invention also relates to the preparation of I, pharmaceutical us. containing compound I or a pharmaceutically acceptable salt thereof,

with a pharmaceutically acceptable diluent, excipient, or carrier, as as the use of the compan, in the treatment of nervous spaten disorders at being the control of t

y this is, 3)-meastineer. All the tested couple, exhibit MI values of last than 10% at the couplements transporter, of Libhit the nomepumphrane transporter selectively over the serotonin and depanise transporters. Selection of the serotonin and depanise transporters. Selection of the serotonic and depanise transporters. Selection of the serotonic and depanise transporters. Selection of the sele

Months 1 of 11 (2012) (2012) (ST. 2012) (ST. 2012) (ST. 2012) (St. 2012) (Continued) (St. 2012) (St

860013-95-2 CAPLUS Morpholine, 2-[(18)-2-[1,1'-bigheny1]-2-y1-1-phenylethy1]-, (28)- (CA IDEAN NAME)

me, 2-[(13)-2-(2-ethoxyphenyl)-1-phenylethyl]-, (28)- (CA INDEX

863013-97-4 CAPLUS Morpholine, 2-[(18)-2-(2-ethoxyphenyl)-1-phenylethyl]-, (28)- (CA INDEX

AMEMER 2 OF 11 CAPLUS COTFRIGHT 2009 ACS on ETH (Continued) (Process)) CDES (User) (Process) CDES (User) (Process) CDES (User) (Process) (Process)

TRETUTE NUMBER

Enlative stereochemistry

8:0013-86-1 CAFLUS Norpholime, 2-[(lE)-2-(2-ethoxyphenyl)-1-phenylethyl]-, (2E)-rel- (CA TRUCK NAME)

860013-90-7 CAPLUS Norpholims, 2-[(1F)-2-(4'-fluoro[1,1'-bipbeny1]-2-y1)-1-phenylethy1]-, (2F)-rel- (CA INDEX NAME) Relative stereochemistry.

ANSWER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STM lute stereochemistry.

CAPLOS

Morpholise, 2-[(1R)-2-[2-(2-methylethyl)phenyl]-1-phenylethyl]-, (2R)-(CA INDEX NUME)

CAPLUS 2-[(15)-2-[2-(1-methylethyl)phenyl]-1-phenylethyl]-, (25)-Norpholine, 2-(CA INDEX NAME)

 $\begin{array}{lll} -00-2 & \text{CAPLUS} \\ \text{slame, } 2-[(1\text{R})-2-(2-\text{phenoxyphenyl})-1-\text{phenylethyl}]-, & (2\text{R})- & (C\text{A. INDEX}. \end{array}$

860014-01-3 CAPLUS Morpholine, 2-[(18)-2-(2-phenoxyphenyl)-1-phenylethyl]-, (28)- (CA INDEX

16 MESMER 2 OF 11 CAPLES COPYRIGHT 2009 ACS on STR (Continued)
Absolute stereochemistry.

323 060014-02-4 CAPACSS CRI Morpholine, 2-(118)-2-(5-Cluoro-2-methoxyphemyl)-1-phemylethyl]-, (28 (CA INDEC NUCL)

DE 80014-03-5 CAPLUS
CH Norpholine, 2-(18)-2-(5-fluoro-2-methoxyphenyl)-1-phenylethyl]-, (28)(CA IDEXX MME)
Absolute stereochenistry.

NN 860014-04-6 CAPUNS
CN Morpholine, 2=(13):-2-(4*-fluoro[1,1*-biphenyl]-2-yl)-1-phenylethyl](28)- (CA NEWEX NAME)
Absolute stereochemistry.

L6 ANSMEX 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STR (Continued Absolute stereochemistry.

NN 860014-08-0 CAPLUS
ON MORPHoline, 2-(13%-1-pheny1-2-(4'-(tifluoromethoxy)[1,1'-bigheny1]-2y1]elby1;- (2%) (CA NUMEN NAMEN)
Absolute streeochemistry.

222 850014-09-1 CATAINS
CRB Norpholine, 2-(18)-1-pheny1-2-(4'-|trafluoromethoxy)[1,1'-bapheny1]-2y1]ethy1)-, (28)- (CA INDEX RAME)

LG ANSWER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

NEODI4-06-8 CARLUS

CM Norpholine, 2-{(12)-2-(3'-fluoro[1,1'-bipheny1]-2-y1)-1-phenylethyl]-,
(2h) (CM THREE NOME)

Absolute stereochemistry.

RN 950014-07-9 CAPUNS CN Morpholime, 2-[(18)-2-(2*-fluoro[1,1*-bupheny1]-2-y1)-1-phenylethy1]-, (28)- (CA RUSEN RAME)

- 6 ANSMER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STM (Continued)
- 2N 860014-10-4 CARLUS CM Morpholine, 2-{13h-1-pheny1-2-{3'-{trifluoromethoxy}}(1,1'-bupheny1)-2y11exy1-, (2x)- (CA INDEX NAME)
 Absolute stereochemistry.

388 860014-11-5 CAPLUS
CR Morpholine, 2-[139]-1-pheny1-2-[3'-(trifluoromethoxy)[1,1'-bipheny1]-2y1]enby1]- (28)- (CA INDEX NAME)

Absolute stereophenistry.

NN 860014-20-6 CAPLN8
CN Morpholine, 2-{1189-1,2-diphenylethyl}-, hydrophloride (1:1), (2R)- (CA
NNDER NNMS)

NN 860014-21-7 CAPLUS

MESMER 2 OF 11 CAPLIS COPYRIGHT 2009 ACS on STM (Continued) Morpholine, 2-((ER)-1,2-diphenylethyl)-, hydrochloride (1:1), (2R)- (CA

● BCl

860014-22-8 CANADS Norpholine, 2-[12]-1,2-diphenylethyl]-, hydrochloride (1:2), (25)- (CA NORDA NAME)

● BCl

068014-23-9 CAPLUS Morpholine, 2-[(15)-2,2-diphezylethyl]-, hydrochloride (1:1), (25)- (CA INDEX NAME)

• BCl

- 860014-27-3 CAPLUS Morgholine, 2-[138]-1-pheny1-2-[2-(txifluoromethyl)phenyl]ethyl]-, hydrochloride [14], [28)- [CA INDEX NAME)
- ARRENER 2 OF 11 CAPLUS COPTRIGHT 2009 ACS on STR hydrochloride (1:1), (2S)- (CA INDEX NAME) solute stereochemistry.

17 #60210-1-29 #60210-1-3-29 #60210-3-4 # #60210-1-29 #60210-1-3-29 #60210-3-4 # #60210-1-29 #-11,2-29|heepyteby|merpholise | M60210-2-12 | #60210-1-29 #-11,2-29|heepyteby|merpholise | M60210-2-2 | #60210-1-2-2 | #60210-1-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-2-2 | #60210-

(2R)-rel-(CA INDEX NAME)

Relative stereochemistry.

921 940013-89-4 CAPLUS

16 ANSMER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STM (Continued) Absolute stereochemistry.

● BC1

860614-28-4 CAPLUS Morpholime, 2-[(IE)-1-phenyl-2-[2-(txifluoromethyl)phenyl]ethyl]-, hydrochloride (II), (EE)- (CA IMBEK NAME) Absolute stereochemistry

BC1

BEGG14-29-5 CAPAUS Morpholine, 2-[(IE)-1-pheny1-2-[2-(trifluoromethy1)pheny1]ethy1]-, hydrochloride (1:1), (28)- (CA INDEX NAME) Absolute stereochemistry.

● BC1

- $\begin{array}{lll} 860014-30-8 & CAFL08 \\ Morpholine, & 2-\{(18)-1-pheny1-2-[2-(trifluoromethyl)phenyl]ethyl]-, \end{array}$
- AMEMER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STM (Continued)
 Morpholime, 2-{(1%)-2-(5-fluoro-2-methoxyphenyl)-1-phenylethyl)-,
 (2%)-rel- (CA INDEX NAME)

 $\begin{array}{lll} 860013-91-8 & CAPLUS \\ 80xpholime, & 2=\{131;-2+\{3^{+}-61woxo\{1,1^{+}-bipheny1\}-2-y1\}-1-phenylethy1\}-, \\ (23)-xe1- & (CA_{1202X_{120}} NAME) \\ \end{array}$ lative stereochemistry.

860013-92-9 CAPLUS Norpholy3-2-[4'-(trifluoromethoxy)[1,1'-biphenyl]-2-yllethyl], (2R)-rol- (CA INNEX NAME)



EN 860013-93-0 CAPLUS

MEMER 2 OF 11 CAPLIS COPTRIGHT 2009 ACS on STM (Continued) Morpholine, 2=(1R)-1=phemyl-2=(3"-(trifloorceethoxy)(1,1"-bhiphemyl)-2=yllerbyl)-, (2R)-real (CA INDEX NAME)

860014-18-2 CAPLUS Norpholine, 2-(1,2-diphenylethyl)- (CA INDEX NAME)

S40014-25-1 CAPADS Morpholame, 2-[1-phenyl-2-[2-(trifluoromethyl)phenyl]ethyl]- (CA INDEX NAME)

86014-16-0P EL: PAC | Pharmacological activity); SIN (Symthetic preparation); TSU | Therapawtic use); ECOL (Biological study); PREP [Preparation); USES res) (drug candidate; preparation of morpholine derivs. as morepinephrine reuntake (mhibitors)

960014-16-0 CMPUR Borgholime, 2=[118)-1-pheny1-2-[2-(3-pyzidiny1)gheny1]ethy1]-, Pyttochloride [1:2], (2K)-zel- (CA INDEX NAME)

AMENER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STR

860014-14-8 CAPLUS 4-Morpholimecarboxylic acid, 2-[(1R)-2-(2-hydroxyphenyl)-1-phenylethyl]-, 1/-damethylethyl ester, [28)-rel- (CA INDEX NAME)

-Worpholimenarbouylic acid, 2-[(12)-1-pheny1-2-[2-[(traffucoresty)]isulfony1]ouy]pheny1]ethy1]-, 1,1-dimethylethy1 ester, [28)-re1- (Ch INDEX NAME)

 $\begin{array}{lll} 840014-17-1 & {\rm CAPLUS} \\ {\rm Norpholone,} & 2-(1,2-{\rm diphenylethenyl})-4-({\rm phenylmethyl})- & {\rm (CA-INDEX-NAME)} \\ \end{array}$

920 940014-24-0 CAPLUS

L6 ANSMER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

●2 EC1

[interseciate] greparation of morpholine derive, as no respirate minimizer.

No 80014-13-6 CARUSS

Norpholin-2-12-1[[1,1-dimethylethylidimethylathyloxylphenyl]-1-phenylathyl-, [23-sal- [0. Midde MMH]]

Relative stereochemistry.

860014-13-7 CAPLUS CAPAGE
CON 6-Morpholinecarboxylic acid, 2-[1R)-2-[2-[[1],1-dimethylathyl)dimethylsilyl]coy]phenyl-1-phenylethyl]-, l-dimethylethyl ester, [25)-zel- (CA INDEX NOME)

ANSMER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN Morpholine, 4-(phenylmethyl)=2-[1-phenyl=2-[2-(trifluoromethyl)phenyl]ethenyl]- (CA INDEX NUME)

7 80014-13-39, 2-11,2-Siphemylethyllmorpholine-4-carbonylus and bmonyl attra 80014-25-29 process); BHI (Wightelic preparation) FEE (Physical process); BHI (Wightelic preparation) FEE (Perparation) FEE (Procession) FEE (Processi

REPERENCE COUNTS THERE ARE 3 CITED REFERENCES AVAILABLE TO RECORD. ALL CITATIONS AVAILABLE IN THE RE

UIS COPYRIGHT 2009 ACS on STR 2005:523264 CAPLUS 143:59831 16 ARRIVER 3 OF 11 CAPLUS ACCESSION NUMBER: 20 DOCUMENT NUMBER: 14

sourcesses CANDOS
A preparation of an empropheration derivatives, useful for the treatment of conglitive failure
for the treatment of conglitive failure
(ANDOSSES, NEWLORD, TORGE, TERM ANTES) PROFITABLE
ANDOSSES, NEWLORD, TORGE, TERM ANTES) PROFITABLE
ANTES ANTES

PATERT ASSISTEE(S):

DOCUMENT TYPE: PAMELY ACC NUM COUNT: PATENT INFORMATION:

PATERT NO. KIND DATE APPLICATION NO. DATE | Description | Simple | Simpl

US 2003-524781P P 20031125

OTHER SOURCE(S): MARRAT 143:59831

AB The invention relates to a preparation of aminopiperidine derive, of formula I [Mostelin x as 1-2; R1 is [un)substituted phenyl; R2 and R5 are andependently R or alkyl; R3 as (sycholalkyl, alkenyl, or sycholalkyl, alkenyl, or

LG ANSMER 4 OF 11 CAPLUS
ACCESSION NUMBER: 200
DOCUMENT NUMBER: 140
TITLE: Tre NUMS COMPRIMENT 2009 M/S on STH 2001/21715 CAMUMS 2001/21715 CAMUMS 2001/21715 CAMUMS CAMUMS COMPANIES WITH CONTROL OF THE CONTROL OF THE COMPANIES WITH COMPANIES CAMUMS INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

ICCUMENT TIPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

MO.	2008	0210	95		3.2		2005			WO 2	004-		591		- 2		82.5
MO.	2001	0210	9.5		3.3		2005	9030									
	56 +	AT.	20.	22	AM.	37.	207.	3.2.	RA.	BB.	PCL.	BR.	POL.	BY.	BZ.	Ch.	CR.
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			TD,	TG													
CA.	2532	1349			7.2		2005				004-						
EP	1660	185			3.2		2006	0531		EP 2	004-	7804	22		23	0040	825
	R:	27,	BE,	CE,	DE,	DX,	ES,	TR,	GB,	αR,	17,	LI,	LU,	ML,	SE,	MC,	PT,
		18.	87.	FI.	20,	CY,	78.	вз.	CZ,	EE,	BU.	Pl.,	8%				
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MO 2004-US25591

M 20040825

THER SOURCE (S): MARPAT 142:291416 ARREAD OF 11 CALUE CONTROL (800 ACC on THE Continued) 4×10^{-1} km s, haloes, or of, etc., K is H, haloes, or of, etc., K is H, haloes, H or a H is H, haloes, and H or a H is H in H in H is H in H in

pisophicuse Lasaportes Lasaportes Mai EV [Desctant); SHR [Symbolic preparation); FRES (Exparation); MAC Desctant of recognit); [Control of the companial properation derive, methol for the treatment of RNFS-12-2 (Collections); Active (RNFS-12-2) (Collections); Machinery (RNFS-12-2) (Collections); Active (R

ANSWER 4 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN (Continues)

Provided are netbods and nedicaments for treating stuttering or another communication disorder, comprising administrating to a patient in need of inhibitor. The invention discloses the use of atmospherical releases to the property of the p

well as their pharmaceutically acceptable salts, as the morepinephrine rouptake inhibitors described for treatment purposes. The invention further discloses the preparation of addml. heterocyclic derivs. (as

further discloses the purposant properties of the process ability to serve to respect their phasmacontonily acceptable sails; that possess ability to serve to respect their process and the p

the norepinephrine transporter (scintillation proximity array) - 847687-21-2

SKYS57-22-2 EM. RCT (Benelant); EMCT (Benelant) or reagent) (preparation of heterogetic compute useful as moreplamphrine respitate SKYS57-22-2 (OKEAS Morpholane, 2-[2-15-thosphany))-1-methyl-1-phenylethyl]-, hydrochloride (III) (CA.TEUEX MANDE)

ARSMER 4 OF 11 CAPLUS COPYRIGHT 2009 ACS on STR (Contanued)

• 201

REFERENCE COUNTS

L6 AMERIES OF 11 CAPLUS COFFEIGHT 2009 ACS on STR ACCESSION NUMBER: 2005:216660 CAPLUS DOUBLEST NUMBER: 142:229145

DOCUMENT NUMBER: Treatment of pervasive development disorders employing

norepinephrine reuptake inhibitors Allen, Albert Johns Kelsey, Douglas Kenneth Eli Lilly and Company, Druglas Kenneth EUC Int. Appl., 300 pp. COMEN: FIXED Tatcest

DOCUMENT TIPE: IN
LANGUAGE: E:
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATEST NO. KIND DATE APPLICATION NO. | PATEUR 10. | STATE | MO 2004-0525593 W 20040825

OTHER SOURCE(S): CASREACT 142:291415; NARPAT 142:291415

AMOREA OF 11 OWERS COTFIGUR 2007 ACT as 277 Ownerlawed) to be a control of the co

REFERENCE COUNT: THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

15 ANDRES 6 OF 11 CAMPIES CONTRIGUES 1009 Act on STH
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PATERT NO.								APPLICATION NO.										
	2005									WO :	2004-	0825	592		20040825			
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											JP,							
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		EE,	ES,	FI.	PR.	GB,	GR,	BU,	IE,	17	LU.	MC.	NL.	PL.	PT.	80,	SE.	
		SI,	SE,	TR.	BF.	BJ.	CF,	co,	CI,	CN	gn,	ON,	90,	QW.	ML.	MB.	NE.	
		525.	TD.	TG														
	2530										2004-							
EP	1660	064			3.2		2006	0531		EP :	2004-	7804	30		2	0040	825	
	R.	MI,	BE,	CH,	DE,	DE,	ES,	TR,	GB,	GR	17,	LI,	LU,	ML,	SE,	MC,	PT,	
		IE,	SI,	FI.	BO,	CY,	TR,	BG,	CZ,	EE	. 80,	PL,	SK					
US	2007	01.05	960		83.		2007	0510		US:	2006-	5682	44		- 2	0060	214	
PRIORIT	APP	122.	INFO							243	2002-	4980	19P		P 2	0020	R27	

WO 2004-0525592 W 20040825

OTHER SOURCE(S): NARPAT 142:291414

Provided are methods and medicaments for treating a learning disability a notor skills disorder, comprising administering to a patient in need of such treatment an effective anomator of a selective norepinephrime remptake inhibitor. The invention discloses the use of atomoscine, racewis rebowerine, [5,8)-rebowerine, and compds, of formula 1 [wherein X=alkythios and Y=alkyl is a described in 0.5, patent Nubber 5,281,621],

well as their pharmacestically acceptable salts, as the norepinephrine respoke inhibitors described for treatment purposes. The invention further discloses the preparation of addul. heterocyclic derivs. (as

will faither discloses the properations on the properation of the prop

the norepinephrine transporter (scintillation proximity assay).

the morphisphrine transporter (stimulation presents) are the propriet of the state of the state

LUS COPTRIDET 2009 MCS on STR 2001:10450 CAPLUS 138:48542 Preparation of benrhydryl derivatives as tachykinin antagomistr Take, Karuhiko; Kasahara, Chiyoshi; Ehigemaga, ...rydryl derivatives as tachybi
---e, Kathhlo; Kasabats, Chlyoshi; Ehlgensqu,
Anans, Edemori; Elyn, Vahhtery Hakai, Karno,
Borlis, Hasakhautiani Co., Ltd., Japan
COZDE, FINOS
DER, 1991., 136 pp.
COZDE, FINOS
DER, 1991.

PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

										MO	2001-	JP54	24		- 2		625
100	2002				7.3		2002	0808									
		32,															
	2071				CY,	DE,	DE,	ES,	FI,	FR	, on,	GR,	IE,	IT,	LU,	MC,	ML.
		27,	SE,	TR													
EP	1294	700			2.2		2003	0326		82		9438	21		- 2		625
	81	87.	BE.	CH.	DE.	DK.	E8,	PR.	OB,	3K	. 17.	LT.	1,0,	NL.	88,	MC.	27.
		IE.	TI.	CY.	TR												
39	2004	5019	03		- 2		2004	0122		JP.	2002-		79		- 2	0010	625
05	2003	01.76	430		A1		2003	0918		05	2002-	2979	37		- 1		220
05	6787	543			3.2		2004	0907									
9.109.17	Y APP	120.	22270	- 1						ΝÜ	2000-	8454			. 2	:0000	629
										λíž	2001-	23.73				0010	102

OTHER SOURCE(S): MARPAT 136:85824

• 1001 REPERENCE COUNTS

THERE ARE 6 CITED REPERSENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L6 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

3.3 The table compute inclinating l-benchpartylephysication, de-benchpartylebackspropergradus, 4-benchpartylbackspropergradus, and l-benchpartylbackspropergradus, etc. [1], and [13] it, [23] it, [30], loner alkeys, loner alkeys, sociolor di er etc. [1], and [13] it, [23] it, [30], loner alkeys, loner alkeys, etc. [30], loner alkeys, alkehneys, or phenyl [31], [22], [33], [44] it, [sees alkeys, databacyl, or phenyl [31], [32], [33], [44] it, [sees alkeys, databacyl or lower alkeys, optionally or lower alkeys.

calcoxy, and R10 and R14 optionally forming (CH2)xCHR15(CH2); (CH2)xHR16(CH2);, (CH2)iOCH2CO or (CH2)iO(CH2); (wherean 1, 3 = 1,2; R15

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physical distribution and a tangential a

MRMEN. 7 OF 11 CAPLIES COTTRIGHT 2009 MCS on STM (Continued) aches (e.g. migraine, headache, cluster headache, toothache, cancerous pain, back pain, neuralgia, etc.). Thus, chloroformate (3 drops) was added to a mixt. of (8,742)-4-benchydryl-2-(2-methoxy-5-[5-

[trifivoromethyl)-1R-tetrarol-1-yl]bemzyl]octahydropyrazino[1,2-a]pyrazine
tribydrochloride [12 mg) amd N,N-dixopropylethylamine (6 drops) in
dichloromethane [1 ml] under ice-opoling and trired at the zame temp.

2 h to give, after work-up, purifn. on silica gel chromatog., and treatment with 4 N SCL/SCOMe. (68,9am)-6-benchydryl-8-[2-methoxy-5-[5-

Hardinouscostypi-12-defensel-quibomogalendapinopyanasuli-2-dapyanasul-2-dapyanasuli-2-

es; (preparation of benihydryl derivs, as tachykinin antagonists for

| [preparation of benchydryl server. ***
| preparation of benchydryl server. **
| preventing techylnin-mediated diseases|
| preventing techylnin-mediated diseases|
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$$\bigcap_{T: y \in -0}^{\operatorname{ONe}} \operatorname{CH}_2 - \operatorname{N} \bigcap_{\mathbb{C}} \operatorname{CHPh}_2$$

● BC1

 $\label{eq:capacity} \begin{array}{lll} 385803-17-8 & \text{CAFLUS} \\ \text{Morpholine, } 2-(\text{dighenylnethyl})-4-[[2-\text{methoxy-}5-[5-(\text{trifluoromethyl})-18-(\text{dighenylnethyl})-4-(\text{dighenylnethyllethyl})-4-(\text{dighenylnethyllethyl$

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ACCRECATION NAMES. 1991;1990; 1992
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DOCUMENT TYPE: LANGUAGE: OTHER SOURCE(S):

English CASKEACT 119:139010

33. A series of pyrolicine drive, were symmetric containing to the compdet, I (3 - 1), and colicin containing to twin. Decay these compdet, I (3 - 1), and colicin containing the colicine containing the colicine containing the colicine containing the colicine colic A series of pyrrolidine derivs, were synthesized and examined for

149893-43-8 CAPLTS Norpholize, 5-(2,2-diphenylethyl)-3,3-dimethyl-, nethanesulfonate (1:1) (CA INDEX NAME)

ANSMER 7 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN (Continued) tetrarol-1-yl]phenyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)

801

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REPERENCE COUNTY

L6 ANSWER 0 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN (Continued)

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L6 AMENDA 9 OF 11 CAPLUS COPYRIGHT 2009 ACS on STR
ACCESSION NUMBER: 1962:7723 CAPLUS
DOUMBER NUMBER: 56:7723
   DOCHMENT NUMBERS beries
OGGINHAN LIBERINGE NO. 55-1465FG
TITLE: 3-Benshydrylmorpholine and its salts
NUMBERG (5): Sunthrop, Stanley O.
EAVENT ASSIGNEE(S): Swerican Home Products Corp.
      DOCUMENT TYPE:
             AMILY ACC NUM. COUNT: 1
                                                                                                        KIND DATE
US 2993035
PRIORITY APPLE, INFO.:
                                                                                                                                                                                                      19610725 US 1959-795352
                          3-Senrhydrylnorpholine (I) and its salts are central nervous system stimulants. The preparation of I is described. Thus, 46 g. Et \beta, \beta-diphorylalarinate-etc. n. 200-1*, was converted into the free base with Na2CO3 and the base extraorded into other. The dry
ether free house with maccourant on one and an admitting of 11.4 g. 
SOLVENOW we added dropulse with aftering into a solvetion of 11.4 g. 
1504 ml. ether. The nature was heated lbr. after admitten Water [50] 
150 ml. ether. The nature was heated lbr. after admitten Water [50] 
solved with account of the suspension filtered, and the precipitate washed with account of the country 
                                 filtrates were evaporated and the residue triturated with begane to give
   14 g. 3.3-diphemyl-1-uninopropanol [1], n. 120-1*. To a mixture of 107 n. ethylene dishloride and [1] n. water containing 2.3 g. NGG was didded as a conclusion of the containing 2.3 g. NGG was didded didded as a conclusion of the containing 2.3 g. NGG was added dropwise at 0°. After addition, the nature was allowed to want to room temperature and stirred 3 hzs. The organic
   layer was dried, evaporated, and the residue crystallized from benzeme-hexane to give 7.4 g. 3.3-diphesyl-2-(w-chloroscetanido)-1-propanol [III], n. 166-8. III [1.7 g.) was dissolved in 20 ml. absolute ECOS containing
                                 g. powdered, dried NOB. The solution was stirred at room temperature 4
   hre. as
                                     and
filtered. The filtrate was evaporated and the residue triturated with
                                 to gave 1.0 g. 5-benrhydryl-3-morpholome (IV), m. 133-5*. A solution
of 3.9 g. IV in 150 ml. tetrahydrofuran was added dropwise, with
starring, to 1.6 g, LikhH4 in 50 nl. tetrahydrofuran. The nimture was refluxed 2
                                     after the addation Next, 4.7 ml. water was added and the mixture
filtered.

The other layer was dried and gaseous HCl introduced to give 1.55 g.

The statistic plane pholine-UCL (1), n. 9100° (decomposition).

The statistic plane pholine, 1.000 (decomposition).

Moderate pholine, 1.000 (decomposition).

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                              67 ml. 30% N202 was refluxed 3 hrs. and poured into 1.5 1. N20 to give
                                 01
nm., bath-temperature, 200-10*) to give 0.99 g.
8-chlorohexahydrophemothiazime 5,5-dioxide, m. 206-7*.
93406-27-0, Norpholime, 3-(diphemylmethyl)-
                                 (GETAVE.)
93406-27-0 CAPLUS
Northeline, 2-(dishenylmethyl)- (CA INDEX NAME)
      A CHPha
                              93406-27-09, Morpheline, 3-(diphenylmethyl)-

KL: PKEP (Preparation of)

(preparation of)

93406-27-0 CAPIES

Morpheline, 3-(diphenylmethyl)- (CA IMDEX NAME)
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14 ANSWES 1-07-11 CAPLINS CONTRIBUTE 1989 ACS on STM (Continued)

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14 MORREA 11 OF 11 CANDOM COPYRIGHT 2009 ACC on STR

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we is 2500, and reliment 1 hr, with 11.4 g, 1512-1512 (1992 and 1992 and 19

exature to
FNMpSr, the mixture refluxed 2. hrs., and hydrolyzed gave 4.5 g. oil;
treatment with ECl gave e-(2-pyrrolidy)/bennhydrol-ECl (VII), m.
above 210°. VII was converted to the free base, m. 81-2°
(alc.-H2D). FNMpSr (1.47 mole) in 1. ER20 treated in 4 hrs. with 230

beigniemenysloheannee in 1. E20 and 70 ml. GCC in the presence of cashes lew, acutified, and the crude product chromatographed gave 254 -bennipstylepsidenasome (FE21), n. 125* (CEMI-Ingeles). VIII 4.58 c., REII, the maximum stirred throat at 69°, END added, the mixture make alkalism, and the organic material statement with CECI) gave, the g. material containing 15% starting material. The ketonic material removed by

treatment vith Girard reagent T and the grade product extracted gave 11.8 g. dark

- 46 ADMERS 11 OF 11 CALUNG CHETHOT DON ACT ON THE CONTAINED COPYS. OF "22 Chemological" colonicately a complex (E.G., n. 12)—4. To to 2.00 g. Labilit in 1200 c. 1200 g. Labilit in 1200 g. Labilit i
- oil; treatment with ECl gave w=11,2,7,4-tetcalpytro-3-icocyanoly)]benchytch:ECl, m, above 250°falc:).
 The profit of the profit



NN 108976-02-9 CAPLUS CH Norpholine, 3-(diphenylmethyl)-, hydrochloride (1:1) (CA INDEX NUME)



=> log y COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY 62.54	SESSION 275.82
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY -9.02	SESSION -9.0

STN INTERNATIONAL LOGOFF AT 18:27:22 ON 15 MAY 2009